| Index of C | laims |
|------------|-------|
|            |       |

| Application. | /Contro | I N | 0. |
|--------------|---------|-----|----|
|--------------|---------|-----|----|

10/766,507 Examiner

Son T. Nguyen

Applicant(s)/Patent under Reexamination

KINNEY ET AL.

Art Unit

3643

| √ | Rejected |
|---|----------|
| = | Allowed  |

| _ | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

| N | Non-Elected  |
|---|--------------|
| _ | Interference |

| A | Appeal   |
|---|----------|
| 0 | Objected |

| Cla       | im       | Date     |          |          |              | Date Claim Date |              |          |  |          |          |          |   | 1               | Claim Date |          |         |            |        |                                    |   |        |          | $\neg$   |          |        |   |        |           |         |               |          |          |     |   |   |        |          |
|-----------|----------|----------|----------|----------|--------------|-----------------|--------------|----------|--|----------|----------|----------|---|-----------------|------------|----------|---------|------------|--------|------------------------------------|---|--------|----------|----------|----------|--------|---|--------|-----------|---------|---------------|----------|----------|-----|---|---|--------|----------|
| Cic       |          |          |          |          |              |                 |              |          |  |          |          |          |   |                 |            |          |         |            |        | 1                                  | Т | ᅮ      | ale      |          | т-       | -      |   | Cia    |           |         |               | _        | $\dashv$ | ale | 7 | Т | $\neg$ | $\dashv$ |
| Final     | Original | 11/29/05 |          |          |              |                 |              |          |  |          | Final    | Original |   |                 |            |          |         |            |        |                                    |   | Final  | Original |          |          |        |   |        |           |         |               |          |          |     |   |   |        |          |
| 1         | 1        | =        |          |          |              | Π               |              |          |  |          |          | 51       | Τ                                       |                 |            | Т        |         |            | Τ      | $\Box$                             |   |        | 101      |          |          | $\neg$ |   |        |           | $\neg$  |               |          |          |     |   |   |        |          |
| 2         | 2        | Π        |          |          |              |                 |              | П        |  |          |          | 52       | Т                                       |                 | П          |          |         |            | T      | $\Box$                             |   |        | 102      |          |          |        |   |        |           | П       |               |          |          |     |   |   |        |          |
| 5         | 3        | П        |          |          | Π            |                 |              | П        |  |          |          | 53       | Τ                                       |                 |            | 丁        |         | <b>1</b> - | Т      |                                    |   |        | 103      |          |          | $\neg$ |   |        |           | 丁       | $\neg$        |          |          |     |   |   |        |          |
| 6         | 4        | П        | Γ        | Г        | Π            | Π               | Г            | Г        |  |          |          | 54       |   | Г               |            | $\neg$   |         |            | Τ      | $\sqcap$                           |   |        | 104      |          |          | $\neg$ |   |        |           | $\neg$  | $\neg$        | $\neg$   |          |     |   |   |        |          |
| 7         | 5        | Π        |          | Г        |              |                 |              |          |  | П        |          | 55       |   |                 | $\Box$     | $\neg$   |         | $\top$     | Τ      |                                    | . |        | 105      |          |          | $\neg$ |   |        |           | $\neg$  | $\neg$        |          |          |     |   |   |        |          |
| 3         | 6        | П        |          |          |              |                 |              |          | Ī  | П        |          | 56       | T                                       |                 | $\Box$     | 丁        |         | 1          | $\top$ | $\top$                             |   |        | 106      |          |          | 一      |   |        |           | T       | $\neg$        |          |          |     |   |   |        |          |
| 8         | 7        | П        | Г        | Γ        | Г            | Π               |              | Г        | Г  |          |          | 57       | 1                                       | Г               | $\neg$     | 丁        | $\neg$  | $\neg$     | Τ      | $\sqcap$                           |   |        | 107      |          |          | ヿ      |   | $\neg$ |           | 丁       | $\neg$        | $\neg$   |          |     |   |   |        |          |
| 4         | 8        | Π        |          |          | П            |                 |              |          | Г  | П        |          | 58       |   | П               |            | T        | T       |            | T      | $\sqcap$                           | ı |        | 108      |          |          |        |   |        |           |         | $\neg$        |          |          |     |   |   |        |          |
| 9         | 9        | Π        |          |          |              | Ī               |              |          |  |          |          | 59       | Ī                                       |                 |            | T        |         |            | Т      |                                    |   |        | 109      |          |          | ヿ      |   |        |           | $\neg$  | П             |          |          |     |   |   |        |          |
| 11        | 10       | П        |          |          | Π            |                 | П            | Г        | Π  |          |          | 60       | 1                                       | Г               | $\Box$     | $\neg$   |         | $\neg$     | 1      |                                    | . |        | 110      |          |          |        |   |        |           |         |               |          |          |     |   |   |        |          |
| 10        | 11       | П        |          |          |              |                 |              |          |  | П        |          | 61       |   |                 |            |          |         |            | Т      |                                    |   |        | 111      |          |          | T      |   |        |           | П       | $\neg$        |          |          |     |   |   |        |          |
| 12        | 12       |          |          |          |              |                 |              |          | $L^-$  |          |          | 62       | Γ                                       |                 |            |          |         | Ι          | Ι      |                                    |   |        | 112      |          |          |        |   |        |           |         |               |          |          |     |   |   |        |          |
| 13        | 13       | Ш        |          |          |              |                 |              |          |  |          |          | 63       |   |                 |            |          |         |            | Ι      |                                    |   |        | 113      |          |          |        |   |        |           |         |               |          |          |     |   |   |        |          |
| 14        | 14       | П        |          |          |              |                 |              |          |  |          |          | 64       | Γ                                       |                 |            | Т        |         | Т          | Г      |                                    |   |        | 114      |          |          |        |   |        |           | T       | П             |          |          |     |   |   |        |          |
| 15        | 15       | П        |          |          |              | Г               |              |          | П  |          |          | 65       | T                                       |                 |            | T        | 1       | 1          | T      |                                    | Ì |        | 115      |          |          | $\neg$ |   |        |           | T       | ヿ             |          |          |     |   |   |        |          |
| 16        | 16       | =        |          |          |              | Г               |              |          |  |          |          | 66       |   |                 |            |          | $\Box$  |            | Τ      |                                    |   |        | 116      |          |          |        |   |        |           |         |               |          |          |     |   |   |        |          |
|           | 17       |          |          |          |              |                 |              |          |  |          |          | 67       | Γ.                                      |                 |            | Ţ        |         |            | Т      |                                    |   |        | 117      |          | П        | T      |   |        |           |         |               |          |          |     |   |   |        |          |
|           | 18       |          |          |          |              |                 |              |          |  |          |          | 68       |   |                 |            | $\neg$   |         | Т          | Т      |                                    |   |        | 118      |          |          |        |   |        |           |         | $\neg$        |          |          |     |   |   |        |          |
|           | 19       |          |          |          |              |                 |              |          |  |          |          | 69       |   |                 |            |          |         |            | Т      |                                    |   |        | 119      |          |          |        |   |        |           |         | $\Box$        |          |          |     |   |   |        |          |
|           | 20       |          |          |          |              |                 |              |          |  |          |          | 70       |   |                 |            |          |         |            | Π      |                                    |   |        | 120      |          |          |        |   |        |           | П       | $\neg$        |          |          |     |   |   |        |          |
|           | 21       |          |          |          |              |                 |              |          |  |          |          | 71       |   |                 |            |          |         |            | L      |                                    |   |        | 121      |          |          |        |   |        |           |         |               |          |          |     |   |   |        |          |
|           | 22       |          |          |          |              |                 |              |          |  |          | L        | 72       |   |                 |            |          |         |            | Ι      |                                    |   |        | 122      |          |          |        |   |        |           |         |               |          |          |     |   |   |        |          |
|           | 23       |          |          |          |              |                 |              |          |  |          |          | 73       |   |                 |            |          |         |            |        |                                    |   |        | 123      |          |          |        |   |        |           |         |               |          |          |     |   |   |        |          |
|           | 24       | L        |          |          |              |                 |              |          |  |          |          | 74       |   |                 |            |          |         |            |        |                                    |   |        | 124      |          |          |        |   |        |           |         |               |          |          |     |   |   |        |          |
|           | 25       |          |          |          |              |                 |              |          |  |          |          | 75       |   |                 |            |          |         |            | L      |                                    |   |        | 125      |          |          |        |   |        |           |         |               |          |          |     |   |   |        |          |
|           | 26       |          |          |          |              |                 |              |          |  |          |          | 76       |   |                 |            |          |         |            |        |                                    |   |        | 126      |          |          |        |   |        |           |         |               |          |          |     |   |   |        |          |
|           | 27       |          |          |          |              |                 | L            |          |  |          |          | 77       |   |                 |            |          |         |            |        |                                    |   |        | 127      |          |          |        |   |        |           |         |               |          |          |     |   |   |        |          |
|           | 28       |          |          |          | $oxed{oxed}$ | L               | <u></u>      | 辶        |  |          |          | 78       |   |                 |            | $\perp$  | ᆚ       |            | Ĺ      |                                    |   |        | 128      |          |          |        |   |        |           |         |               |          |          |     |   |   |        |          |
|           | 29       | _        |          |          |              |                 |              |          |  |          |          | 79       | _                                       |                 |            | _1       | $\perp$ |            | L      |                                    |   |        | 129      |          |          |        |   |        |           |         |               |          |          |     |   |   |        |          |
|           | 30       |          |          |          |              |                 | _            | L        |  |          |          | 80       |   |                 |            |          |         |            |        |                                    |   |        | 130      |          |          |        |   |        |           |         |               |          |          |     |   |   |        |          |
|           | 31       | L        | _        |          | _            |                 |              | 닟        | $ldsymbol{ld}}}}}}$ |          |          | 81       | L                                       |                 |            | _ _      |         |            |        |                                    |   |        | 131      |          |          | _1     |   |        |           |         | ┙             |          |          |     |   |   |        |          |
| L         | 32       | L_       | <u>L</u> | <u> </u> | <u> </u>     | <u> </u>        | <u> </u>     | <u>L</u> |  | Ш        |          | 82       |   | Ш               |            | $\perp$  |         |            | _      | $\perp \perp$                      |   |        | 132      |          |          | _      |   |        | $\perp$   | _[      |               |          |          |     |   |   |        |          |
| <u> </u>  | 33       | _        | <u> </u> | <u> </u> | L_           |                 | <u> </u>     | <u> </u> |  | Ш        |          | 83       | _                                       | Ш               | $\Box$     | $\perp$  |         | $\perp$    | ╄      | Ш                                  |   |        | 133      | Ш        | $\perp$  | _      |   |        |           | $\perp$ | ightharpoonup |          |          |     |   |   |        |          |
| L         | 34       | _        | <u> </u> | <u> </u> | _            | <u> </u>        | <u> </u>     | <u> </u> | _  | Ш        |          | 84       | ـــ                                     |                 | $\Box$     | _        | $\bot$  | $\perp$    | $\bot$ | $\perp \perp$                      |   | $\Box$ | 134      |          | $\perp$  | _      | _ |        | $\Box$    |         | _ļ            | _        |          |     |   |   |        |          |
| L         | 35       | _        | <b> </b> | <b>!</b> | <b>!</b>     | Ь.              | <u> </u>     | <u> </u> |  | Ш        |          | 85       | _                                       | Ш               | $\Box$     | $\perp$  | $\perp$ | $\perp$    | 4      | $\sqcup$                           |   |        | 135      |          | 1        | _      |   | _      |           |         | _             | _        |          |     |   |   |        |          |
| <u> </u>  | 36       | <u> </u> | <u> </u> | ┞        | <u> </u>     |                 | L_           | <u> </u> |  | Ц        |          | 86       | 4_                                      |                 | $\Box$     | _        | _       | 4          | ╄      | $\perp \perp$                      |   |        | 136      | Ш        | $\perp$  | _      |   |        |           | _       | _             | _        |          |     |   |   |        |          |
| <u> </u>  | 37       | L.,      | <u> </u> | <u> </u> | <u> </u>     | <b>—</b>        | <del> </del> | <u> </u> | <u> </u>   | Ц        | _        | 87       | _                                       | Ш               | $\sqcup$   | _        | $\bot$  | $\perp$    | ↓_     | $\sqcup$                           |   |        | 137      | _        |          | _      |   | _      | $\square$ | _       | $\dashv$      |          |          |     |   |   |        |          |
| <u> </u>  | 38       | <u> </u> | <u> </u> | <u> </u> | <b>_</b>     | <u> </u>        | <u> </u>     | <u> </u> |  | Ш        |          | 88       | <b> </b> _                              | Ш               | $\sqcup$   | _        | 4       | 4          | ↓_     | $\bot$                             |   |        | 138      | L.,      | _        | _      |   | _      |           |         | _             | _        |          |     |   |   |        |          |
| <u> </u>  | 39       | ldash    | <u> </u> | <u> </u> | <u> </u>     | _               | <u> </u>     | <u> </u> | _  | Ц        |          | 89       | _                                       | Ш               | 4          | 4        | _       | 4          | ╀-     | +                                  |   |        | 139      | <u> </u> | $\perp$  | _      | _ |        |           | _       | ┙             | _        |          |     |   |   |        |          |
| <u> </u>  | 40       | <u> </u> | <u> </u> | <u> </u> | _            | <u> </u>        | <u> </u>     | <u> </u> |  | Щ        |          | 90       | _                                       | L               | $\perp$    | _        | _       |            | 4_     | $\sqcup$                           |   |        | 140      | $\Box$   |          | _      |   | ļ      |           |         | _             | _        |          |     |   |   |        |          |
| <u> </u>  | 41       | <u> </u> | <u> </u> | <u> </u> |              |                 | <u> </u>     | Ш        |  | Ш        | <u> </u> | 91       | 1_                                      | Ш               |            | $\dashv$ | $\perp$ |            | ↓_     | $oldsymbol{\perp}oldsymbol{\perp}$ |   |        | 141      | L_       |          | _      |   |        |           |         | _             | _        |          |     |   |   |        |          |
| <u> </u>  | 42       | <u> </u> | <u> </u> | <u> </u> | _            | <u> </u>        | L.           | <u> </u> | lacksquare   |          | $\vdash$ | 92       |   | Щ               | $\sqcup$   | $\bot$   | 4       | $\bot$     | ╄-     | $\bot \bot$                        |   |        | 142      | Ш        |          | _      | _ |        | $\Box$    | 4       | _             | _        |          |     |   |   |        |          |
|           | 43       | <u> </u> | <u> </u> | <u> </u> | <u> </u>     | ₩               | L            | Ь—       | L  | Ц        |          | 93       | ↓_                                      | Щ               | <u> </u>   | _        | 4       | 4          | ╄      | +                                  |   |        | 143      | Ш        | $\perp$  | _      | ļ |        | $\Box$    | _       | _             | _        |          |     |   |   |        |          |
|           | 44       | Ш        | <u> </u> | ├        | <u> </u>     | ⊢               | <u> </u>     | $\vdash$ | $\vdash$   |          |          | 94       | ╀-                                      | Щ               | $\sqcup$   | _        | _       | $\bot$     | 4_     | $\perp \perp$                      |   |        | 144      |          | _        | 4      |   | _      |           | _       | _             | _        |          |     |   |   |        |          |
| L         | 45       | <u> </u> | $\vdash$ | ├-       | <u> </u>     | $\vdash$        | <b>-</b>     | $\vdash$ | <u> </u>   | 4        |          | 95       |   | Щ               |            | $\dashv$ | $\perp$ | +          | 1      | $\sqcup$                           |   |        | 145      |          | 1        | 4      | _ | _      | $\dashv$  | _       | _             | _        |          |     |   |   |        |          |
|           | 46       |          | <u> </u> | <u> </u> | <u> </u>     | ├               | <u> </u>     | <u> </u> | $\vdash$   | Ц        | <u> </u> | 96       | ↓_                                      | Ш               | Ц.         | $\dashv$ | 4       | $\perp$    | ╄      | +                                  |   |        | 146      |          | _        | 4      |   |        | $\dashv$  | _       | _             | _        |          |     |   |   |        |          |
|           | 47       | <u> </u> | <u> </u> | ├-       | <u> </u>     | <del> </del>    | <u> </u>     | <u> </u> | Н  | $\dashv$ | <u> </u> | 97       | ـــــــــــــــــــــــــــــــــــــــ | $\vdash \vdash$ | -          | _        | _ _     | 4-         | $\bot$ | $\bot \bot$                        |   |        | 147      |          | $\perp$  | 4      |   |        |           |         | 4             | 4        |          |     |   |   |        |          |
|           | 48       | -        | <u> </u> | <u> </u> | ├-           | -               | -            | -        | -  | $\dashv$ | <u> </u> | 98       | ╀                                       | $\vdash$        | $\dashv$   | -        | +       | _          | +-     | +                                  |   |        | 148      |          | $\dashv$ | 4      | _ | _      | _         |         | 4             | 4        |          |     |   |   |        |          |
| <b></b> - | 49       |          | <u> </u> | <u> </u> | -            | <del> </del>    | H            |          | $\vdash$   | $\dashv$ | <u> </u> | 99       | ⊢                                       |                 | $\vdash$   | $\dashv$ | 4       | _          | -      | ┯                                  |   |        | 149      |          | -        | 4      |   | _      | _         | _       | 4             | $\dashv$ |          |     |   |   |        |          |
|           | 50       | L        | L        | L_       |              |                 | L.           | L_       | لسا  |          |          | 100      | <u>L_</u>                               |                 |            |          |         |            | Ь.     | $\perp$                            |   |        | 150      |          |          |        |   |        |           |         | _1            |          |          |     |   |   |        |          |